

Appln No. 10/616,639

Amdt date September 16, 2004

Reply to Office action of June 17, 2004

REMARKS/ARGUMENTS

Claims 1-9, 11-13, and 18-20 are pending. Claims 1-6, 8, 9, 11-13 and 18-20 are amended and claims 10 and 14-17 are canceled.

Claims 1-6, 8-14, and 18-20 are objected to because of minor informalities. In view of the amendments to the above claims, it is respectfully requested that the above-mention objections be withdrawn.

Claims 2-5, 11-13, and 19-20 would be allowed if re-written in independent form. Claims 2, 4, 5, 11-13, 19 and 20 are re-written in independent form including all of the limitation of their respective base claims. Therefore, allowance of the above claims and claim 3 which depends from the re-written and allowable claim 2 is respectfully requested.

Claims 1, 6, 10, 14, and 18 are rejected as being fully anticipated by Lee (US 6,633,116), and claims 7-9 and 15-17 are rejected as being obvious over Lee in view of Yoshinaga et al. (US 6,703,801). Applicants submit that all of the claims currently pending in this application are patentably distinguishable over the cited references, and reconsideration and allowance of this application are respectfully requested.

Independent claims 1 and 18 include, among other limitations, "a first section having, along a length thereon, a shape of a circle with a predetermined, unvarying radius."

Lee does not disclose the above recited limitation. The description of the cited FIG. 3 of Lee describes the ferrite core as including "a small sized neck portion 44c identical to the neck part of the cathode ray tube, an opening portion 44a

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large sized compared to the neck portion 44c identical to a screen side of the cathode ray tube, and an intermediate portion 44b, an intermediate region of the neck portion 44c and the opening portion 44a. Particularly, the ferrite core has a section circular at the neck portion 44c, which gradually becomes non-circular as the section goes from the neck portion 44c to the opening portion 44a which is rectangular. That is, the intermediate portion 44b is a region of transition from a circle to a rectangle." (Col. 1, line 65 to col. 2, line 8). Thus, FIG. 3 of Lee appears to depict only two sections; one circular section with a varying radius that includes the opening 44c, and one non-circular section that goes from the neck portion 44c to the opening portion 44a which is rectangular. Accordingly, by emphasizing that the neck portion 44c gradually becoming non-circular, FIG. 3 of Lee does not show "a first section having, along a length thereon, a shape of a circle with a predetermined, unvarying radius," as recited by the independent claims 1 and 18. It is also clear from FIG. 3 of Lee that the neck portion 44c does not have "along a length thereon, a shape of a circle with a predetermined, unvarying radius." As a result, independent claims 1 and 18 are not anticipated by Lee.

In short, the independent claims 1 and 18 define a novel and unobvious invention over the cited references. Remaining dependent claims 6 and 7 are dependent from claim 1 and therefore include all the limitations of their base independent claim and additional limitations therein. Accordingly, these claims are also allowable over the cited references, as being

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dependent from allowable independent claim 1 and for the additional limitations they include therein.

In view of the above amendments and following remarks, applicants respectfully submit that the application is in condition for allowance, therefore, reconsideration and allowance of the application are respectfully requested.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 

Raymond R. Tabandeh

Reg. No. 43,945

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RRT/clv

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